

### CIRCUIT LEGEND

TYPE OF CIRCUIT:

— CIRCUIT NUMBER OR NAME

A TO G - STROBE OR SPEAKER CIRCUIT NUMBER  
 ATC - CIRCUIT TO ADDRESSABLE TERMINAL STRIP CABINET  
 PS - CIRCUIT TO PULL STATIONS  
 ELEV - CIRCUIT TO ELEVATOR LOBBY AND ELEVATOR  
 MACHINE ROOM SMOKE DETECTORS  
 HVAC - CIRCUIT TO HVAC SMOKE DETECTOR  
 AREA - CIRCUIT TO OPEN AREA SMOKE DETECTOR  
 IC - INTERFACE CABINET CIRCUIT  
 MPJ - MAINTENANCE PHONE JACK CIRCUIT  
 WD - WARDEN TELEPHONE CIRCUIT  
 SJ - STAND PIPE PHONE JACK CIRCUIT

785 TERMINAL BLOCK STRIP NUMBER 5

EXISTING TERMINAL BLOCK WITH THE BLOCK NUMBERING.

EXISTING #14 (U.S.A.) CONDUCTOR OR DRAIN WIRE TO REMAIN CONNECTED.

#14 CONDUCTOR OR DRAIN WIRE TO BE DISCONNECTED AND REMOVED AS SHOWN ON EXISTING AND REMOVAL BLOCK WIRING DIAGRAM.

#14 CONDUCTOR OR DRAIN WIRE TO SHAPE, LABEL AND CONNECTED AS SHOWN ON EXISTING, RELOCATIONS AND ADDITIONS BLOCK WIRING DIAGRAM.

CONDUCTOR OR DRAIN WIRE IDENTIFICATION TAG. LIGHT TEXT REPRESENTS EXISTING CONDUCTOR TAG TO REMAIN, HEAVY TEXT REPRESENTS THE TAG (BRADY LABEL #WML-205-292-1 O.A.E.) TO BE FURNISHED AND INSTALLED.

27 U 5

INDICATES TERMINAL BLOCK NUMBER.

INDICATES DESTINATION OF CIRCUIT CABLE.

U - FOR CABLE RUN TO TSC AT FLOOR ABOVE  
D - FOR CABLE RUN TO TSC AT FLOOR BELOW  
M - FOR CABLE RUN TO MAILRV  
F - FOR CABLE RUN TO DEVICE(S) ON THE FLOOR

INDICATES CABLE PAIR NUMBER.

1-4	- FOR ALD LOOP CIRCUIT
5-11	- FOR STROBE CIRCUIT
12-17	- FOR TELEPHONE CIRCUIT
18-26	- FOR STROBE CIRCUIT
27-42	- FOR SPEAKER CIRCUIT

TERMINAL BLOCK NUMBERING TAG. ADDITIONAL MARKINGS ARE FOR INFORMATION ONLY.

POLARITY \_\_\_\_\_

+ - POSITIVE  
- - NEGATIVE  
S - SHIELD/DRAIN

INDICATES TERMINAL BLOCK NUMBER  
BRADY LABEL # TB02-502-281 (O.A.E.)  
INSULATION COLOR OF THE CONDUCTOR.  
(R) - RED (B) - BLACK

N.T.S.

SHIELDED CABLE TYPE "A"

INSTALL CLEAR OVERSIZED SHRINK TUBE

CUT FOIL SHIELD FLUSH WITH END OF OUTER JACKET

MAINTAIN TWIST

INSULATED CONDUCTOR (RED)

INSULATED CONDUCTOR (BLACK)

UNINSULATED DRAIN WIRE

TERMINATED OR CONTINUED TO NEXT DEVICE

INSTALL CLEAR SHRINK TUBE

CIRCUIT DESIGNATION: CABLE TAG BRADY LABEL: MM-305-292 WITHIN 3" FROM CABLE END.

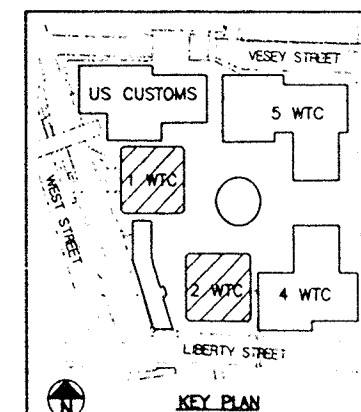
1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG F-1-2.
2. ALL SHIELDS MUST BE ISOLATED FROM GROUND, APPROVED "SHRINK TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE TYPICAL SHIELD/DRAIN INSULATING METHOD "A" ON THIS DWG.
3. ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS & STRAY VOLTAGES.
4. DISCONNECT AND COMPLETELY REMOVE CABLES FROM TSC CABINET. ALL WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.



NOT TO SCALE

**NOTES:**

1. FINAL CONNECTIONS IN THE TSC CABINET SHALL BE MADE BY THIS CONTRACTOR. THE CONTRACTOR SHALL STRIP, SHRINK, SHAPE AND LABEL TO DESIGNATED TERMINAL. TERMINATION WILL BE AS DIRECTED BY THE ENGINEER.



Title
TOWER 2 FLOOR 78 FIRE ALARM TSC-I BLOCK WIRING DIAGRAM

This drawing subject to conditions in contract.  
All inventions, ideas, designs and methods  
herein are reserved to Port Authority and  
may not be used without its written consent.

F.D.	F.D.	4565.000
Designed by	Drawn by	JRLA JOB No.
4/27/98	P.E.N.	3/32" = 1'-0"
Date	Checked by	Scale

Contract Number	Drawing Number
WTC-857.090	<b>F-2-78-4</b>

Sheet

# On



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OF NY & NJ**



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1	6/24/98	AS BID	DC
No.	Date	Revision	Approve

[illegible]

The World Trade				
Center				

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